



Desmopan DP 2786A

200 grade series, ester / Shore hardness A 85 - 89

Coating grade; does not contain any anti-hydrolysis agent; food contact applications are possible, contact our HSEQ department; Application; Textile coating

ISO Shortname

Property	Test Condition	Unit	Standard	Value		
				drying	annealed	-
				according to specifications		
Mechanical properties (23 °C/50 % r. h.)						
C shore hardness, method A		-	ISO 868		88	
C Ultimate tensile strength	200 mm/min	MPa	acc. ISO 527-1,-3		33	
C Elongation at break	200 mm/min	%	acc. ISO 527-1,-3		590	
C Stress at 100 % strain	200 mm/min	MPa	acc. ISO 527-1,-3		6,4	
C Stress at 300 % strain	200 mm/min	MPa	acc. ISO 527-1,-3		11,2	
C Compression set	24 h; 70 °C	%	ISO 815		52	
C Compression set	72 h; 23 °C	%	ISO 815		17	
C Abrasion resistance		mm³	ISO 4649		86	
Impact resilience		%	ISO 4662		37	
Tear propagation resistance	500 mm/min	kN/m	ISO 34-1		69	
Thermal properties						
Torsional storage modulus	-20 °C	MPa	ISO 6721-2		438	
Torsional storage modulus	23 °C	MPa	ISO 6721-2		40	
Torsional storage modulus	70 °C	MPa	ISO 6721-2		19	
Tensile storage modulus	-20 °C	MPa	ISO 6721-1,-4		404	
Tensile storage modulus	20 °C	MPa	ISO 6721-1,-4		41	
Tensile storage modulus	60 °C	MPa	ISO 6721-1,-4		23	
Other properties (23 °C)						
C Density		kg/m³	ISO 1183			1205
Molding conditions						
Injection molding-Melt temperature		°C	-	190 - 210		
Injection molding-Mold temperature		°C	-			20
Extrusion-Melt temperature		°C	-	180 - 200		
Maximum drying temperature		°C	-			80

C These property characteristics are taken from the CAMPUS plastics data bank and are based on the international catalogue of basic data for plastics according to ISO 10350.